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STEREO CHIP COMPARATOR

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For the Period of
December 8, 1963 through February 10, 1964
PROGRESS REPORT

Declass Review by NIMA / DoD

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PROGRESS REPORT

Because of the critical tolerance requirement dictated by performance specifications, unforeseen fabrication difficulties have caused considerable delays in the original promised delivery dates on the part of our vendors. In addition to the above, our Quality Control Department (QCD) had to reject a number of essential parts, mostly because these parts did not conform to our stringent specifications which were necessary to assure the accepted accuracy of the final product. However, in some cases, we had to relax certain specifications in order to save time.

Following is a listing of the most essential items, the date of orders placed and a final receipt of the parts themselves. However, it should be visualized that a time period covered between the date of placement of the original order and the date of final delivery includes the making of patterns, castings, inspection by QCD, heat treatments after casting, rough machining, second heat treatment, final machining, lapping and inspection prior to acceptance for assembly.

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MAJOR DELAYED ITEMS ON PROJECT STAT
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<u>DRAWING</u>	<u>TITLE</u>	<u>ORDERED</u>	<u>FINAL DELIVERY</u>
601429	Film Platens	10/24/63	2/19/64
601430	Film Platens	10/24/63	2/19/64
601431	Film Platens	10/24/63	2/19/64
601432	Film Platens	10/24/63	2/19/64
701020	Film Platens	10/24/63	2/19/64
701027	Leg Cushings for Microscope Support	10/25/63	1/14/64
601391-B	Ball Spline Assembly	10/17/63	1/20/64
701007	"V" Blocks (X)	10/18/63	2/3/64
701006	"V" Blocks (Y)	10/18/63	1/15/64
601327	Side Bearings	10/18/63	2/5/64
601326-2	Hays, Round	10/18/63	1/16/64
800436	Microscope Support Casting	11/7/63	1/29/64
800429	Base Casting	11/1/63	2/5/64
800416	Carriage "Y"	10/7/63	1/27/64
800422	Carriage "X"	10/7/63	2/3/64

We are presently engaged in final subassemblies and major assemblies of the Stereo Chip Comparator, exclusive of the Interferometer and associated equipment. The Interferometers are expected to be completed by the end of February for installation into the Chip Comparator.

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